

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Zhang, et al.**

Serial No.: **Not Assigned Yet**

Filed: **Herewith**

**For: Methods and Apparatus for Adaptive  
PCM Level Estimation and Constellation  
Training**

Art Unit: Unknown

Examiner: Unknown

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

Please enter the following amendments and remarks in the above-captioned application.